

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6246	(organic near2 solvent near2 dispersion)	US-PGPUB; USPAT	OR	OFF	2011/05/02 11:56
L2	19232	(organic near2 solvent) near20 (dispersion)	US-PGPUB; USPAT	OR	OFF	2011/05/02 11:56
L3	203	(Dope near10 polyaniline) or (dope near10 polythiophene)	US-PGPUB; USPAT	OR	OFF	2011/05/02 11:57
L4	217	(Dope near10 polyaniline) or (dope near10 polythiophene)	US-PGPUB; USPAT	OR	OFF	2011/05/02 11:57
L5	5	1 and 4	US-PGPUB; USPAT	OR	OFF	2011/05/02 11:57
L6	222	(column near10 fill) and (ion near10 exchange) and (water)	US-PGPUB; USPAT	OR	OFF	2011/05/02 11:58
L7	0	5 and 6	US-PGPUB; USPAT	OR	OFF	2011/05/02 11:58
L8	0	(column near10 fill) and (ion near10 exchange) and (water) and (organic adj water)	US-PGPUB; USPAT	OR	OFF	2011/05/02 11:58
L9	0	((Dope near10 polyaniline) or (dope near10 polythiophene)) and deionize and (water) and (column or ion)	US-PGPUB; USPAT	OR	OFF	2011/05/02 11:59
L10	0	((Dope near10 polyaniline) or (dope near10 polythiophene)) and deionize and water	US-PGPUB; USPAT	OR	OFF	2011/05/02 11:59
L11	217	((Dope near10 polyaniline) or (dope near10 polythiophene))	US-PGPUB; USPAT	OR	OFF	2011/05/02 11:59
L12	6	(dope near10 polymer) and (reduce near10 water) and (column) and (ion near2 exchange)	US-PGPUB; USPAT	OR	OFF	2011/05/02 12:00
L13	0	2 and 12	US-PGPUB; USPAT	OR	OFF	2011/05/02 12:00
L14	9	(dope near10 polyaniline) and (column) and (ion near2 exchange) and (organic near2 solvent)	US-PGPUB; USPAT	OR	OFF	2011/05/02 12:06

L15	99	(ultrafiltration) near30 (deionization)	US-PGPUB; USPAT	OR	OFF	2011/05/02 12:32
L16	47	((ultrafiltration) near30 (deionization)) and (dispersion)	US-PGPUB; USPAT	OR	OFF	2011/05/02 12:32
L17	133	(polyaniline) near20 (cation)	US-PGPUB; USPAT	OR	OFF	2011/05/02 12:40
L18	58	(polyaniline) near5 (cation)	US-PGPUB; USPAT	OR	OFF	2011/05/02 12:40
L19	17	(polyaniline) near2 (cation)	US-PGPUB; USPAT	OR	OFF	2011/05/02 12:40
L20	1	"20110020604"	DERWENT	OR	OFF	2011/05/02 12:43
L21	119	(ultrafiltration) near20 deionization	US-PGPUB; USPAT; DERWENT	OR	ON	2011/05/02 12:45
L22	8499	dispersion and polyaniline	US-PGPUB; USPAT; DERWENT	OR	ON	2011/05/02 12:45
L23	5	21 and 22	US-PGPUB; USPAT; DERWENT	OR	ON	2011/05/02 12:45
L24	3	"2005070972"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/05/02 12:46
L25	5	ultrafiltration	US-PGPUB; USPAT; DERWENT	OR	ON	2011/05/02 12:47
L26	57503	ultrafiltration	US-PGPUB; USPAT; DERWENT	OR	ON	2011/05/02 12:47
L27	0	24 and 26	US-PGPUB; USPAT; DERWENT	OR	ON	2011/05/02 12:52
L28	532375	filtration	US-PGPUB; USPAT; DERWENT	OR	ON	2011/05/02 12:52
L29	0	24 and 28	US-PGPUB; USPAT; DERWENT	OR	ON	2011/05/02 12:52
L30	3	"7683124"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/05/02 12:52
L31	532375	filtration	US-PGPUB; USPAT; DERWENT	OR	ON	2011/05/02 12:52
L32	2	30 and 31	US-PGPUB; USPAT; DERWENT	OR	ON	2011/05/02 12:53

L33	0	"200302152811"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/05/02 13:02
L34	3	"20030215281"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/05/02 13:03
L35	84	(ultrafiltration) near5 deionization	US-PGPUB; USPAT; DERWENT	OR	ON	2011/05/02 13:04
L36	26702	polyaniline	US-PGPUB; USPAT; DERWENT	OR	ON	2011/05/02 13:04
L37	4	35 and 36	US-PGPUB; USPAT; DERWENT	OR	ON	2011/05/02 13:04
L38	38	((ultrafiltration) near5 deionization) near10 (particle or water)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/05/02 13:05
S1	3	("20020173579"   "5300575"   "5567355"). PN.	US-PGPUB; USPAT	OR	OFF	2009/01/26 14:05
S2	6	((TADAYUKI) near2 (ISAJI)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/26 14:11
S3	86	((OSAMU) near2 (FUJIMOTO)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/26 14:12
S4	16	((TADAYUKI) near2 (ISAJI)).INV.	EPO; JPO; DERWENT	OR	OFF	2009/01/26 14:12
S5	197	((OSAMU) near2 (FUJIMOTO)).INV.	EPO; JPO; DERWENT	OR	OFF	2009/01/26 14:12
S6	1	"02500918"	US-PGPUB; USPAT	OR	OFF	2009/01/26 14:41
S9	113	("4147550"   "4731408"   "4910645"   "4959430"   "4987042"   "5035926"). PN. OR ("5300575"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/26 14:55
S10	50	("6849800" "20080097009" "5494609" "5973050" "5911930" "6228492" "20060175582" "20050097678" "4838634" "4988443" "5498761" "6632380" "20020166681" "20040022003" "20050095410" "20070267747" "20070275159" "3770604" "3862894" "3892647" "4326238"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/27 08:40

		"4547311" "6117225" "6156449" "6919143" "7163746" "20020039680" "20030006401" "20030015691" "20030164477" "20030232188" "20040028806" "20050053801" "20060249769" "20070034052" "20080293855" "5034463" "5093033" "5985180" "7321012" "20050176592" "5476612" "5871671" "6127033" "6328874" "6818118" "6887556" "7294961" "7380500" "20030170454" ).pn.				
S11	148934	deionization or (ion adj exchange)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/27 10:08
S12	112867	(intrinsically adj conductive adj polymer) or polyaniline or polythiophene or aniline	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/27 10:08
S13	9791	S11 and S12	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/27 10:08
S15	1136	organic adj solvent adj dispersion	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/27 10:09
S16	38	S13 and S15	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/27 10:09
S18	265	dispersion near (polythiophene or polyaniline)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/27 10:14
S19	148934	deionization or (ion adj exchange)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/27 10:14
S20	74	S18 and S19	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/27 10:14
S21	885671	alcohol or methyldiethylidene or amide or ketone	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/27 10:14
S22	65	S20 and S21	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/27 10:14
S23	9	("4380590"   "4499150"   "4707515"   "5069820"   "5281363"   "5371182"   "5376728"   "6060116"   "6399675").PN. OR ("7033639").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/27 10:20

S24	6378	252/500, 524/439, 524/401.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/27 10:52
S25	5804	252/500, 528/373.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/27 10:57
S26	410	S11 and S24	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/27 10:57
S27	443	S11 and S25	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/27 10:57
S28	3	"7008562"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/27 11:20
S29	10	("20030215571"   "4711742"   "4910645"   "5300575"   "5403467"   "6084040"   "6692662"   "6692663").PN. OR ("7008562").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/27 11:21
S30	28	"5567355"	USPAT	OR	OFF	2009/01/27 16:24

### EAST Search History (I nterference)

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